## Index of Claims

Application No.

09/783,880

**Examiner** 

Ted T. Vo

Applicant(s)

LOPEZ, LUIS R.

Art Unit

2122

Rejected Allowed

(Through numeral) Cancelled ÷ Restricted

Non-Elected N ı Interference

Appeal Α O Objected

|            |          | L        |          |              |          |          | J  |  |              |                |                 |          |  |          |          |              | ŀ        |  |              |          |              |      |          | ] [        |          |    |                 |          |          |
|------------|----------|----------|----------|--------------|----------|----------|--|--|--------------|----------------|-----------------|----------|--|----------|----------|--------------|----------|--|--------------|----------|--------------|------|----------|------------|----------|----|-----------------|----------|----------|
| Claim Date |          |          |          |              |          | CI       | Claim Date                                       |  |              |                |                 |          |  | Claim    |          |              |          | Date   |              |          |              |      |          |            |          |    |                 |          |          |
| Final      | Original | 8/19/04  |          |              |          |          |  |  |              |                | Final           | Original |  |          |          |              |          |  |              |          |              |      | Final    | Original   |          |    |                 |          |          |
|            | 1        | ٧        |          |              |          |          |  |  |              |                |                 | 51       |  |          |          |              |          |  |              |          |              |      |          | 101        |          |    |                 |          |          |
|            | 2        | ٧        |          |              |          | _        |  |  |              |                |                 | 52       |  |          |          |              |          |  |              |          |              |      |          | 102        |          | _  |                 |          |          |
|            | 3        | V        |          | _            |          | <u> </u> | <u> </u>   |  |              |                |                 | 53       | Ш  |          |          |              |          |  |              |          | _            |      |          | 103        |          |    | Ш               | $\dashv$ |          |
|            | 4        | ٧        | <u> </u> | L            |          | <u> </u> | _  |  |              |                |                 | 54       |  |          |          |              |          |  |              |          | _            |      |          | 104        |          |    | $\vdash \vdash$ |          |          |
| -          | 5        | ٧        | ļ        | _            | <u> </u> | <u> </u> | <u> </u>   | ļ  | _            |                |                 | 55       | $\vdash$   |          |          |              |          |  |              |          |              |      | ┞—       | 105        |          |    | $\vdash \dashv$ |          | _        |
| -          | 6        | ٧        | <u> </u> | _            | _        | <u> </u> | <del> </del>                                     | <u> </u>   |              | _              |                 | 56       | $\vdash$   |          |          |              |          |  | _            |          | -            |      | -        | 106        |          |    | $\vdash \dashv$ |          |          |
|            | 7        | V        | <u> </u> | _            | -        |          |  |  | -            | $\vdash$       |                 | 57<br>58 | $\vdash$   |          |          |              |          |  |              |          |              |      |          | 107<br>108 |          |    |                 | -        |          |
|            | 8        | V        | -        | $\vdash$     | ┢        | ┢        | ├  | <del> </del>                                     |              |                |                 | 59       | Н  |          |          | -            |          |  |              |          | -            |      |          | 109        | -        |    | $\vdash$        |          |          |
|            | 10       | V        |          | $\vdash$     | ├        | -        | <del> </del>                                     |  | $\vdash$     | _              |                 | 60       |  |          |          | $\vdash$     |          | _  | -            |          |              |      |          | 110        |          |    |                 | -        |          |
| -          | 11       | V        |          |              | ├        | $\vdash$ | H  | _  | -            | _              |                 | 61       | $\vdash$   | $\vdash$ |          | H            |          | _  | H            |          |              |      | ļ        | 111        |          |    |                 |          |          |
| $\vdash$   | 12       | v        |          |              | -        | -        | ╁─   |  |              |                | -               | 62       | H  |          | -        |              |          |  |              |          |              |      |          | 112        | $\vdash$ |    |                 | =        | _        |
| -          | 13       | v        |          | <u> </u>     |          | $\vdash$ | <del>                                     </del> | <del>                                     </del> |              | $\vdash$       |                 | 63       | $\vdash$   |          | _        |              |          |  |              |          |              |      | <u> </u> | 113        | -        |    |                 |          |          |
|            | 14       | Ϊ́ν      |          |              | t        | $\vdash$ | H  | 1  |              |                | 1               | 64       |  |          | _        |              |          |  |              |          |              |      |          | 114        | _        |    |                 |          |          |
|            | _15_     | v        |          |              |          |          |  |  |              |                |                 | -65      |  |          |          |              |          |  |              |          |              |      |          | _115_      |          |    |                 |          |          |
|            | 16       | V        |          |              |          |          |  |  |              |                |                 | 66       |  |          |          |              |          |  |              |          |              | - 10 |          | 116        |          |    |                 |          | _        |
|            | 17       | V        |          |              |          |          |  |  |              | -              |                 | 67       |  |          |          |              |          |  |              |          |              |      |          | 117        |          |    |                 |          |          |
|            | 18       | V        | -        | _            |          |          | T  |  | $I^-$        |                |                 | 68       |  | 9        |          |              |          |  |              |          |              |      |          | 118        |          |    |                 |          |          |
|            | 19       | V        |          |              |          | Τ        | 1  |  |              |                |                 | 69       |  |          |          |              |          |  |              |          |              |      |          | 119        |          |    |                 |          |          |
|            | 20       | V        |          |              | Ī        |          |  | Г  |              |                |                 | 70       |  |          |          |              |          |  |              |          |              |      |          | 120        |          |    |                 |          |          |
|            | 21       |          |          |              |          |          |  |  |              |                |                 | 71       |  |          |          |              |          |  |              |          |              |      |          | 121        |          |    |                 |          |          |
|            | 22       | Г        |          |              |          |          |  |  |              |                |                 | 72       |  |          |          |              |          | L.   |              |          |              |      |          | 122        |          |    |                 |          |          |
|            | 23       |          |          |              |          |          |  |  |              |                |                 | 73       |  |          |          |              |          |  | <u></u>      |          |              |      |          | 123        |          |    |                 |          |          |
|            | 24       | L        |          |              |          |          |  |  |              |                |                 | 74       |  |          | L        |              |          | <u>L</u>   |              |          |              |      |          | 124        |          |    |                 |          |          |
|            | 25       |          |          |              |          |          |  |  |              |                |                 | 75       |  |          |          |              |          | L  |              |          |              |      |          | 125        |          |    |                 |          | L        |
|            | 26       | <u> </u> |          |              | <u> </u> | <u> </u> | ļ  | <u> </u>   |              | L              | l               | 76       |  |          |          |              |          |  |              |          |              |      |          | 126        |          |    | lacksquare      |          | <u> </u> |
|            | 27       |          |          |              |          | L        | <u> </u>   | L  | <u> </u>     | ļ              | l               | 77       |  |          |          | $oxed{oxed}$ |          |  |              |          |              |      |          | 127        |          |    |                 |          |          |
|            | 28       | _        | <u> </u> |              | <u> </u> | ļ        | 丄  | <u> </u>   | <u> </u>     |                | <b>↓</b>        | 78       |  |          |          | <u> </u>     |          |  |              |          |              |      |          | 128        |          |    |                 | _        | -        |
|            | 29       | ↓_       | <u> </u> |              | _        | ┖        | ┡  | _  | _            |                | <b>↓</b>        | 79       | _  |          | _        |              | _        |  | <u> </u>     |          |              |      |          | 129        |          |    | $\vdash$        |          |          |
|            | 30       | ـ        | <b>├</b> | L            | 1        | ╄        |  | ├  | <u> </u>     | L              | l               | 80       | ├_   |          |          | ļ            |          |  | <u> </u>     | _        |              |      |          | 130        |          |    | Н               | _        | <u> </u> |
|            | 31       | ╀        | ├        | -            | -        | ┼        | 1  | <u> </u>   | ļ            | <del> </del> — | <b>∤</b>        | 81       |  |          | $\vdash$ | $\vdash$     | -        | -  | -            |          | _            |      |          | 131<br>132 |          |    | -               |          | $\vdash$ |
|            | 32       |          | ⊬        | ⊢            | -        | ╁        | ⊢  | ├  | ┢            | -              | ł ├─            | 82<br>83 |  |          |          |              |          |  | ├            |          | _            |      | <u> </u> | 133        | -        |    |                 |          |          |
| -          | 33<br>34 | ┾        | -        | ├            | ļ        | ┼        | ╁  | ╁┈   | ├            | ┢              |                 | 84       | ┼─   | $\vdash$ | _        | -            | -        | -  |              | _        |              |      | -        | 134        | -        |    | Н               |          | -        |
| -          | 35       | -        | -        | ╁            | $\vdash$ | ⊨        | -  | ╁╌   | $\vdash$     |                | <b>∤</b>        | 85       |  |          | $\vdash$ | -            | -        |  | <del> </del> |          |              |      |          | 135        |          |    | Н               |          | -        |
|            | 36       | $\vdash$ | ┢        | ╁            | $\vdash$ | ╁╌       | -  | ┼  | $\vdash$     | $\vdash$       | 1               | 86       | $\vdash$   | H        |          |              | -        | ┢  | $\vdash$     | _        | -            |      |          | 136        |          |    |                 | _        | _        |
| -          | 37       | ╁╴       | $\vdash$ | $\vdash$     | $\vdash$ | +        | -  | -  | ┢            | -              |                 | 87       | $\vdash$   | $\vdash$ | $\vdash$ |              | -        |  |              |          |              |      |          | 137        |          |    |                 |          | Г        |
|            | 38       | +        |          | 1            | $\vdash$ | +-       | -  | H  | <del> </del> |                | †   <del></del> | 88       |  |          |          |              | $\vdash$ | <del>                                     </del> |              |          |              |      |          | 138        |          |    | П               |          |          |
| -          | 39       | 1        | -        | <del> </del> | ┼        | +        | +  | 1  | t            | <u> </u>       | 1               | 89       | <del>                                     </del> | $\vdash$ | $\vdash$ |              | _        |  |              |          |              |      |          | 139        |          |    |                 |          | Γ        |
|            | 40       | +        | 1        | ┢            | t        | t        | +  | T  |              | $\vdash$       | 1               | 90       |  |          | <u> </u> |              |          |  |              |          |              |      |          | 140        |          |    |                 |          |          |
|            | 41       | <b>-</b> | 1        | T            | t        | 1        | T  | T  | İΤ           |                | 1               | 91       |  |          | Γ        |              | Г        |  |              |          |              |      |          | 141        | П        |    |                 |          |          |
|            | 42       | T        | T        |              | T        | 1        | T  | 1  | T            | Ī              |                 | 92       | 1  |          |          |              |          |  |              |          |              |      |          | 142        |          |    |                 |          |          |
|            | 43       | $\top$   | T        | $\top$       | T        | Т        | T  | T  | Г            |                |                 | 93       |  |          |          |              |          |  |              |          |              |      |          | 143        |          |    |                 |          |          |
|            | 44       |          |          |              | Т        | T        |  |  |              |                |                 | 94       |  |          |          |              |          |  |              |          |              |      |          | 144        |          |    |                 |          |          |
|            | 45       | $\top$   |          | Γ            | T        | I        |  | L  | L            |                |                 | 95       |  |          |          |              |          |  |              |          |              |      |          | 145        |          |    |                 |          |          |
|            | 46       |          |          |              |          |          |  |  | $\Box$       | $\Box$         |                 | 96       |  |          |          |              |          |  | L            |          |              |      |          | 146        |          |    |                 |          |          |
|            | 47       |          |          |              |          |          |  |  |              |                |                 | 97       |  |          |          |              |          |  |              |          | $oxed{oxed}$ |      |          | 147        |          |    |                 | _        | L        |
|            | 48       |          |          |              |          |          |  |  |              | 1_             | Į L.            | 98       | 1  | _        |          |              | <u> </u> | <u>L</u>   | <u> </u>     |          | ļ            |      | L        | 148        | _        |    | oxdot           | ļ        | L        |
|            | 49       |          |          |              | L        | $\perp$  | $\perp$  | 1_   | _            | _              | ļ               | 99       | $\perp$  | L.       | L        | L            | <u> </u> | L  | lacksquare   | <u> </u> |              |      |          | 149        |          | L. | L_              | ļ        | _        |
|            | 50       |          | 1        |              |          |          |  | }  | 1            | 1              |                 | 100      | 1  |          |          |              | 1        |  |              | l        |              |      |          | 150        |          |    |                 |          |          |

| Cla   | aim        | Date     |              |          |          |          |          |          |              |  |  |  |  |
|-------|------------|----------|--------------|----------|----------|----------|----------|----------|--------------|--|--|--|--|
| Final | Original   |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 101        |          |              |          |          |          |          | $\neg$   |              | $\neg$   |  |  |  |
|       | 101<br>102 |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 103        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 104        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 105        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 106        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 107        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 108        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 109        |          |              |          |          |          |          | ٠.       |              |  |  |  |  |
|       | 110        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 111        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 112        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 113        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 114        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | _1.1.5_    |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 116        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 117        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 118        |          |              |          |          |          |          |          | L_           |  |  |  |  |
|       | 119        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 120        |          |              | Ш        |          |          |          |          |              |  |  |  |  |
|       | 121        |          |              |          |          |          |          |          |              | Щ  |  |  |  |
|       | 122        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 123        |          |              |          |          |          |          |          | _            |  |  |  |  |
|       | 124<br>125 |          |              |          |          |          |          |          |              | $\dashv$   |  |  |  |
|       | 126        |          | _            |          |          |          |          |          |              | $\dashv$   |  |  |  |
|       | 127        | -        |              |          |          | -        |          |          | -            | Н  |  |  |  |
|       | 128        | -        |              | -        |          | _        |          |          |              |  |  |  |  |
| -     | 129        | Н        |              |          |          | -        |          |          |              |  |  |  |  |
|       | 130        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 131        | _        |              |          |          |          |          |          |              |  |  |  |  |
|       | 132        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 133        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 134        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 135        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 136        |          |              |          |          |          |          | _        | L.           |  |  |  |  |
|       | 137        |          |              |          |          |          |          |          |              |  |  |  |  |
|       | 138        |          |              |          |          | <u> </u> | <u> </u> |          | L            |  |  |  |  |
|       | 139        |          |              | <u> </u> |          | <u> </u> | ļ        |          | ļ            |  |  |  |  |
|       | 140        |          |              |          |          |          | <u> </u> |          |              |  |  |  |  |
|       | 141        |          |              | ļ        |          | ļ. —     | <u> </u> |          | <u> </u>     |  |  |  |  |
|       | 142        | -        |              | ├        | <u> </u> | ├-       | _        | -        |              |  |  |  |  |
|       | 143        | $\vdash$ | $\vdash$     | $\vdash$ | -        |          |          | $\vdash$ |              |  |  |  |  |
|       | 144        | <u> </u> | $\vdash$     |          | $\vdash$ |          | <b>-</b> |          | ├            |  |  |  |  |
|       | 145        | ├        | <b> </b>     |          |          | -        | -        | $\vdash$ | $\vdash$     | $\vdash$   |  |  |  |
|       | 146<br>147 | ├─       | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$ |          | $\vdash$ | $\vdash$     |  |  |  |  |
|       | 148        | -        |              |          |          | $\vdash$ | -        | $\vdash$ | <del> </del> | <del>                                     </del> |  |  |  |
|       | 149        | $\vdash$ | $\vdash$     | $\vdash$ |          | $\vdash$ | -        | -        | $\vdash$     | <del>  -</del>                                   |  |  |  |
|       | 150        | $\vdash$ | -            |          |          | -        | $\vdash$ |          | $\vdash$     | <del> </del>                                     |  |  |  |